| Ref # | Hits | Search Query | DBs | Default Operator | Plurats | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| L1 | 59 | verb near input | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:33 |
| L2 | 1 | verb adj area | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:33 |
| L3 | 35 | (assembly adj process) and (work adj (unit standard)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:33 |
| L4 | 4 | work adj standard adj creation | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:33 |
| L5 | 7 | (work adj standard) and (assembly adj process) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:33 |
| L6 | 14 | verb with object with auxiliary | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:34 |
| L7 | . 11 | separate adj input adj area | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:34 |
| L8 | 0 | auxiliary adj word adj database | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/19 14:34 |
| L9 | 135 | sentence adj forming | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:34 |
| L10 | 462 | (word adj database) and (@ad<="20010103" ' @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:35 |
| S1 | 1 | "20020019679" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 09:56 |

| | Г | T | | 1 | 1 | - |
|-----|--------|---|---|----|------|------------------|
| S2 | 4 | work adj standard adj creation | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:33 |
| S3 | 163941 | manufactur\$3 adj process | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/03 14:18 |
| S4 | 7 | (manufactur\$3 adj process) with (work adj unit) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/03 14:20 |
| S5 | 5 | (manufactur\$3 adj process) with (work adj standard) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/03 14:23 |
| S6 | 18 | (manufactur\$3 adj process) and (work adj standard) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON . | 2003/06/03 14:30 |
| S7 | 1 | "5969973".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/03 14:26 |
| S8 | 1 | "5642291".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/03 14:27 |
| S9 | 1 | "5586224".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/03 14:28 |
| S10 | 1 | "5519814".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/03 14:28 |
| S11 | 1 | "5006999".PN. | US-PGPUB; USPAT | OR | ON . | 2003/06/03 14:28 |
| S12 | 1 | "5345540".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/03 14:28 |
| S13 | 7 | work adj assignment adj system | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/03 14:38 |
| S14 | 26 | (assembly adj process) and (work adj (unit standard)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:33 |
| S15 | 155 | 704/4.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 08:37 |
| S16 | 29 | 704/4.ccls. and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 13:55 |

| S17 | 41 | (704/7.ccls.) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:20 |
|-----|-----|---|---|----|-----|------------------|
| S18 | 53 | (704/8.ccls.) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/11 15:06 |
| S19 | | ("6314469").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2003/06/05 08:57 |
| S20 | 121 | 345/705.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:00 |
| S21 | 21 | 345/705.ccls. and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 08:57 |
| S22 | 10 | 345/714.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:03 |
| S23 | 54 | provid\$3 adj instruction\$3 adj information | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:15 |
| S24 | 6 | (work adj standard) and (assembly adj process) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:33 |
| S25 | 24 | (work adj unit) and (assembly adj process) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:19 |
| S26 | 53 | (work adj unit) and (manufactur\$3 adj process) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:22 |
| S27 | 11 | ((work adj unit) and (manufactur\$3 adj process)) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 09:26 |
| S28 | 18 | (work adj standard) and (manufactur\$3 adj process) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:26 |

| S29 | 164253 | (manufactur\$3 adj process) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:04 |
|-----|--------|---|---|----|----|------------------|
| S30 | 10432 | ((manufactur\$3 adj process)) and translat\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:33 |
| S31 | 22 | (((manufactur\$3 adj process)) and translat\$3) and (foreign adj language) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:54 |
| S32 | 851 | assembly adj instruction | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 11:26 |
| S33 | 142 | (assembly adj instruction) and (database or (data adj base)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:56 |
| S34 | 81 | ((assembly adj instruction) and (database or (data adj base))) and language | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:56 |
| S35 | 31 | (((assembly adj instruction) and (database or (data adj base))) and language) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 09:56 |
| S36 | 6 | product adj assembly adj instruction | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 11:27 |
| S37 | 2 | (assembly adj instruction) and (foreign adj language) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 11:27 |
| S38 | 2 | (assembly adj instruction) and (foreign\$3 adj language) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 11:27 |
| S39 | 2 | (assembly adj instruction) and (multiple adj language) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 11:28 |
| S40 | 307 | 700/95.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 11:28 |

| S41 | 177 | 700/95.icls. | US-PGPUB; | OR | ON | 2003/06/05 11:28 |
|-----|-------|--|---|----|----|------------------|
| | | 7 00/ 33:1013: | USPAT; EPO; JPO; IBM_TDB | | | 2005/00/05 11:20 |
| S42 | 43 | 700/95.ccls. and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 11:38 |
| S43 | 2 | "6240328" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 12:01 |
| S44 | 1 | "5341304".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/05 11:41 |
| S45 | 1 | "5241482".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/05 11:41 |
| S46 | 1 | "5148370".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/05 11:41 |
| S47 | 1 | "5089970".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/05 11:43 |
| S48 | 1 | "5014208".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/05 11:43 |
| S49 | 1 | "4887218".PN. | US-PGPUB; USPAT | OR | ON | 2003/06/05 11:44 |
| S50 | 2 | 08/038,577 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 12:08 |
| S51 | 14 | "5586039" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:32 |
| S52 | 1 | "5880974".pn. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:32 |
| S53 | 27028 | part with component with system | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:35 |
| S54 | 10444 | (part with component with system) and assembly | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:35 |
| S55 | 52 | (part with component with system) and (assembly adj instruction) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:37 |

| S56 | 28 | ((part with component with system) and (assembly adj instruction)) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:39 |
|-----|-----|---|---|----|------|------------------|
| S57 | 641 | (part with component with system) and (assembly with product) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:38 |
| S58 | 0 | ((part with component with system) and (assembly with product)) and traslat\$3 and language | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:38 |
| S59 | 81 | ((part with component with system) and (assembly with product)) and translat\$3 and language | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON · | 2003/06/05 13:38 |
| S60 | 24 | (((part with component with system) and (assembly with product)) and translat\$3 and language) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:53 |
| S61 | 1 | "20020052890" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 13:55 |
| S62 | 100 | (display\$3 with toolbar) with (cursor pointer) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 14:11 |
| S63 | 1 | open adj2 new adj window adj2 minimized | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 14:13 |
| S64 | 2 | (open adj2 new adj window) with minimized | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 14:16 |
| S65 | 1 | google adj toolbar | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 14:22 |
| S66 | 3 | (html and navigation).ti. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 14:23 |
| S67 | 8 | (open adj window) adj5 minimized | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 14:31 |

| S68 | 22 | mouseover and (hyperlink) | US-PGPUB; | OR | ON | 2003/06/05 14:31 |
|-----|-----|--|---|----|----|------------------|
| | | | USPAT; EPO; JPO; IBM_TDB | | | |
| S69 | 66 | mouseover | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 14:47 |
| S70 | 17 | mouseover and @rlad<= "20000504" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 15:39 |
| S71 | 111 | mouseover or onmouseover | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 14:47 |
| S72 | 28 | (mouseover or onmouseover) and @rlad<= "20000504" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 15:35 |
| S73 | 48 | anchor adj page | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 15:39 |
| S74 | 15 | (anchor adj page) and @rlad<= "20000504" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/05 15:39 |
| S75 | 740 | assembly adj manual | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:30 |
| S76 | 0 | (assembly adj manual) and dictionary and translat\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:31 |
| S77 | 88 | (assembly adj manual) and translat\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:31 |
| S78 | 23 | ((assembly adj manual) and translat\$3) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:38 |
| S79 | 516 | part and component and system and (assembl\$3 adj instruction) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:38 |

| S80 | 1 | (part and component and system and (assembl\$3 adj instruction)) and (foreign adj language) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:37 |
|-----|-----|---|---|----|----|------------------|
| S81 | 4 | assembly adj instruction adj system | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:50 |
| S82 | 176 | (part and component and system and (assembl\$3 adj instruction)) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:53 |
| S83 | 0 | multimedia with (assembly adj instruction) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:51 |
| S84 | 7 | multimedia same (assembly adj instruction) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:52 |
| S85 | 38 | multimedia and (assembly adj instruction) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:54 |
| S86 | 18 | (multimedia and (assembly adj instruction)) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:54 |
| S87 | 528 | work adj standard | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:54 |
| S88 | 0 | (work adj standard) and (assembly adj instruction) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:54 |
| S89 | 153 | (work adj standard) and assembly | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 09:54 |
| S90 | 45 | ((work adj standard) and assembly) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 10:50 |
| S91 | 1 | (assembly adj planning adj process) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 10:51 |

| S92 | 15 | (assembly adj planning) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 10:56 |
|-----|------|--|---|------|-----|------------------|
| S93 | 10 | "5442563" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR . | ON | 2003/06/09 10:56 |
| S94 | 16 | (US-5023800-\$ or US-6240328-\$ or US-6292715-\$ or US-5396432-\$ or US-6167406-\$ or US-5442563-\$ or US-6434438-\$ or US-6223092-\$ or US-5980084-\$ or US-5905501-\$).did. or (US-20020002516-\$ or US-20020123812-\$ or US-20020174263-\$ or US-20030011629-\$ or US-20030023611-\$).did. | US-PGPUB; USPAT | OR | OFF | 2003/06/09 11:57 |
| S95 | 2 | ((US-5023800-\$ or US-6240328-\$ or US-6292715-\$ or US-5396432-\$ or US-6167406-\$ or US-5442563-\$ or US-6434438-\$ or US-6223092-\$ or US-5980084-\$ or US-5905501-\$).did. or (US-20020002516-\$ or US-20020123812-\$ or US-20020174263-\$ or US-20030011629-\$ or US-20010043237-\$ or US-20030023611-\$).did.) and voice | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 11:58 |
| S96 | 5 | ((US-5023800-\$ or US-6240328-\$ or US-6292715-\$ or US-5396432-\$ or US-6167406-\$ or US-5442563-\$ or US-6434438-\$ or US-6223092-\$ or US-5980084-\$ or US-5905501-\$).did. or (US-20020002516-\$ or US-20020123812-\$ or US-20020174263-\$ or US-20030011629-\$ or US-20030023611-\$).did.) and (sound audio) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 12:11 |
| S97 | 4 | assembly adj standard adj information | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 12:12 |
| S98 | 1180 | assembly adj standard | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 12:13 |

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|----------|--------|--|---|----|------|------------------|
| S99 | 9 | (assembly adj standard) and (assembly adj (manual instruction)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 12:15 |
| S10 0 | 1 | (assembly adj (instruction manual)) and (translat\$3) and (foreign adj language) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 12:19 |
| S10 1 | 5 | (assembly adj (process)) and (translat\$3) and (foreign adj language) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/09 12:20 |
| S10 2 | 1623 | assembly adj sequenc\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:01 |
| S10 3 | 164491 | (manufactur\$3 adj process) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:05 |
| S10 4 | 138 | (assembly adj sequenc\$3) and ((manufactur\$3 adj process)) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:05 |
| S10 5 | 1 | "13." and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:59 |
| S10 6 | 41 | ((assembly adj sequenc\$3) and ((manufactur\$3 adj process))) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON . | 2003/06/10 10:05 |
| S10 7 | 16 | (US-5023800-\$ or US-6240328-\$ or US-6292715-\$ or US-5396432-\$ or US-6167406-\$ or US-5442563-\$ or US-6434438-\$ or US-623092-\$ or US-5980084-\$ or US-5905501-\$).did. or (US-20020002516-\$ or US-20020123812-\$ or US-20020174263-\$ or US-20030011629-\$ or US-20030023611-\$).did. | US-PGPUB; USPAT | OR | OFF | 2003/06/10 10:08 |

| S10 8 | 11 | ((US-5023800-\$ or US-6240328-\$ or US-6292715-\$ or US-5396432-\$ or US-6167406-\$ or US-5442563-\$ or US-6434438-\$ or US-6223092-\$ or US-5980084-\$ or US-5905501-\$).did. or (US-20020002516-\$ or US-20020123812-\$ or US-20020174263-\$ or US-20030011629-\$ or US-20030023611-\$).did.) and first and second and third | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:08 |
|----------|------|--|---|----|----|------------------|
| S10 9 | 1 | "6240328".URPN. | USPAT | OR | ON | 2003/06/10 10:10 |
| S11 0 | 8 | ("4887218" "4896269" "5014208" "5088045" "5089970" "5148370" "5241482" "5341304").PN. | USPAT | OR | ON | 2003/06/10 10:11 |
| S11 1 | 1561 | maintenance adj program | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:41 |
| S11 2 | 443 | (maintenance adj program) and assembly | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:41 |
| S11 3 | 112 | ((maintenance adj program) and assembly) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:43 |
| S11 4 | 8311 | assembly adj work | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:44 |
| S11 5 | 668 | (assembly adj work) and model | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:44 |
| S11 6 | 394 | ((assembly adj work) and model) and manufactur\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:44 |
| S11 7 | 11 | (((assembly adj work) and model) and manufactur\$3) and hierarchical | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:59 |
| S11 8 | 3 | "5771043".URPN. | USPAT | OR | ON | 2003/06/10 10:54 |
| S11 9 | 3 | "5771043".URPN. | USPAT | OR | ON | 2003/06/10 10:58 |

| S12 | 122 | 245/705 colo | HC DCDUD | OD | ON | 2002/06/10 10:50 |
|----------|-----|--|---|----|----|------------------|
| 0 | 122 | 345/705.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 10:59 |
| S12 1 | 22 | 345/705.ccls. and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 11:08 |
| S12 2 | 52 | (product adj assembl\$3).ti. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 11:08 |
| S12 3 | 2 | ((product adj assembl\$3).ti.) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/10 11:08 |
| S12 4 | 0 | (user adj manual) with (foreign adj language) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/11 15:06 |
| S12 5 | 55 | (user adj manual) and (foreign adj language) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/11 15:06 |
| S12 6 | 19 | ((user adj manual) and (foreign adj language)) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/14 15:35 |
| S12 7 | 123 | manufacturing adj aids | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/11 15:28 |
| S12 8 | 30 | (manufacturing adj aids) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/11 16:23 |
| S12 9 | 1 | "4845634".pn. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/11 16:23 |

| S13 0 | 21 | (US-6167406-\$ or US-5396432-\$ or US-5442563-\$ or US-5023800-\$ or US-6292715-\$ or US-6240328-\$ or US-6434438-\$ or US-5980084-\$ or US-5905501-\$ or US-5109337-\$ or US-5771043-\$ or US-6392670-\$ or US-6163785-\$ or | US-PGPUB; USPAT | OR | OFF | 2003/06/12 11:03 |
|----------|----|--|---|----|-----|------------------|
| | | US-6208956-\$).did. or (US-20020002516-\$ or US-20030011629-\$ or US-20020174263-\$ or US-20020123812-\$ or US-20010043237-\$ or US-20030023611-\$).did. | | | | |
| S13 1 | 5 | ((US-6167406-\$ or US-5396432-\$ or US-5442563-\$ or US-5023800-\$ or US-6292715-\$ or US-6240328-\$ or US-6434438-\$ or US-6223092-\$ or US-5980084-\$ or US-5905501-\$ or US-5109337-\$ or US-5771043-\$ or US-6392670-\$ or US-6163785-\$ or US-6208956-\$).did. or (US-20020002516-\$ or US-20030011629-\$ or US-20020174263-\$ or US-20020123812-\$ or US-20030023611-\$).did.) and voice | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/12 12:11 |
| S13 2 | 10 | ((US-6167406-\$ or US-5396432-\$ or US-5442563-\$ or US-5023800-\$ or US-6292715-\$ or US-6240328-\$ or US-6434438-\$ or US-6223092-\$ or US-5980084-\$ or US-5905501-\$ or US-5109337-\$ or US-5771043-\$ or US-6392670-\$ or US-6163785-\$ or US-6208956-\$).did. or (US-20020002516-\$ or US-20030011629-\$ or US-20020174263-\$ or US-20020123812-\$ or US-20030023611-\$).did.) and translat\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/12 12:15 |
| S13 3 | 0 | multiligual adj document | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/12 12:15 |
| S13 4 | 40 | multilingual adj document | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/12 12:15 |

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|----------|-----|--|---|----|----|------------------|
| S13 5 | 7 | (multilingual adj document) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/12 12:16 |
| S13 6 | 1 | "6526397".pn. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/12 15:58 |
| S13 7 | 0 | telephone adj number adj port\$3 adj assignment | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/06/13 10:20 |
| S13 8 | 24 | 345/731.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/14 13:51 |
| S13 9 | 134 | 345/705.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/14 14:07 |
| S14 0 | 43 | ("4495491" "4517660" "4528561" "4616336" "4899292" "5049862" "5055998" "5093907" "5095429" "5142669" "5146592" "5220649" "5231577" "5231578" "5231698" "5245702" "5371675" "5390295" "5398310" "5416895" "5428733" "5434965" "5459488" "5559942" "5577188" "5579471" "5581681" "5581682" "5594641" "5596700" "5625833" "5634095" "5651107" "5680636" "5895163" "5845288" "5893126" "5896131" "5953735" "6041335" "6178431" "6230169" | USPAT | OR | ON | 2003/11/14 13:57 |
| S14 1 | 286 | 704/8.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/14 14:07 |
| S14 2 | 235 | 704/8.ccls. and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/14 15:02 |
| S14 3 | 44 | "5677835".URPN. | USPAT | OR | ON | 2003/11/14 14:49 |
| S14 4 | 10 | ("4661924" "4771401" "4821230" "4829423" "4954984" "5175684" "5225981" "5243519" "5677835" "5995920").PN. | USPAT | OR | ON | 2003/11/14 14:56 |

| S14 5 | 6771 | (first adj character) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 09:46 |
|----------|--------|---|---|----|----|------------------|
| S14 6 | 583378 | ((first adj character) adj 345/705.ccls. word) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/14 15:03 |
| S14 7 | 316 | ((first adj character) adj2 word) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/14 15:21 |
| S14 8 | 14 | (sentence adj build\$3) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 09:23 |
| S14 9 | 4 | work adj standard adj creation | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/14 15:34 |
| S15 0 | 21 | ((user adj manual) and (foreign adj language)) and @rlad<="20000106" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 09:22 |
| S15 1 | 335 | 700/95.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 09:22 |
| S15 2 | 223 | 700/95.ccls. and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 09:56 |
| S15 3 | 6 | ("4910795" "4947028" "5805465" "5864482" "6169934" "6349238"). PN. | USPAT | OR | ON | 2003/11/17 09:38 |
| S15 4 | 667 | (assembly adj manual) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 10:01 |
| S15 5 | 667 | ("assembly manual") and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 10:01 |
| S15 6 | 712 | ("assembly instruction") and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 12:44 |
| S15 7 | 35 | (suggested adj word) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 13:45 |

| | | 1 | | | | - |
|----------|-----|---|---|-------------|----|------------------|
| S15 8 | 14 | ("4558302" "4814746" "4955066" "4969097" "5109433" "5261091" "5367453" "5734749" "5761689" "5805911" "5845300" "5896321" "5900004" "5926811").PN. | USPAT | OR | ON | 2003/11/17 12:57 |
| S15 9 | 3 | "5896321".URPN. | USPAT | OR | ON | 2003/11/17 13:00 |
| S16 0 | . 8 | "5845300".URPN. | USPAT | OR | ON | 2003/11/17 13:02 |
| S16 1 | 0 | "6564213".URPN. | USPAT | OR | ON | 2003/11/17 13:03 |
| S16 2 | 26 | ("5675819" "5826240" "5845300" "5864805" "5897622" "5995928" "6006225" "6029141" "6144958" "6169986" "6185558" "6208339" "6223059" "6230173" "6266665" "6307549" "6370527" "6374241" "6377965" "6392640" "6401084" "6401085" "6421675" "6430553" "6466918" "6489968").PN. | USPAT | OR | ON | 2003/11/17 13:03 |
| S16 3 | 0 | (verb with object with (auxiliar adj word)) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 13:46 |
| S16 4 | 161 | (verb with object with word) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/17 13:48 |
| S16 5 | 5 | "6212494".URPN. | USPAT | OR | ON | 2003/11/17 14:21 |
| S16 6 | 1 | "6385621" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 09:24 |
| S16 7 | 7 | ("4763356" "5233513" "5291394" "5640577" "5752054" "6148297" "6178418").PN. | USPAT | OR | ON | 2003/11/26 08:51 |
| S16 8 | 103 | input\$ adj first adj character | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 09:25 |
| S16 9 | 89 | (input\$ adj first adj character) and (@rlad<="20000106" @ad<="20000106") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 09:26 |
| S17 0 | . 0 | (suggested adj verb) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 09:47 |

| S17 1 | 35 | (suggested adj word) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 10:02 |
|----------|------|---|---|----|----|------------------|
| S17 2 | 3 | "6011542".URPN. | USPAT | OR | ON | 2003/11/26 09:50 |
| S17 3 | 9 | ("5477240" "5495267" "5734875" "5749082" "5757353" "5812117" "5854641" "5887197" "5889893"). PN. | USPAT | OR | ON | 2003/11/26 09:50 |
| S17 4 | 0 | (Work adj instruction adj authoring) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 10:02 |
| S17 5 | 0 | (assembly adj instruction adj authoring) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 10:02 |
| S17 6 | 40 | (instruction adj authoring) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 10:08 |
| S17 7 | 1 | (technical adj manual adj authoring) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 10:08 |
| S17 8 | 1850 | (technical adj manual) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 10:09 |
| S17 9 | 13 | ((technical adj manual) and (@rlad<="20000106" or @ad<="20000106" or @pd<="20000103")) and authoring | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 13:06 |
| S18 0 | 13 | ("5680613" "5708806" "5740425" "5794257" "5799268" "5875441" "5884315" "6085201" "6119136" "6154754" "6182095" "6185587" "6205455").PN. | USPAT | OR | ON | 2003/11/26 10:12 |
| S18 1 | 125 | 700/116.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 13:12 |
| S18 2 | 872 | 700/117.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 13:23 |
| S18 3 | 69 | natural adj language adj generation | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/11/26 15:06 |

| S18 | 4 | "20020010670" | LIC DCDUB | OB | CNI | 2002/12/12 11:14 |
|----------|-----|--|---|----|-----|------------------|
| 4 | 1 | "20020019679" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 11:14 |
| S18 5 | 6 | product adj assembly adj instruction | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 12:01 |
| S18 6 | 0 | caterpillar.as. and (technical adj document) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 12:02 |
| S18 7 | 118 | caterpillar.as. and translation | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 12:47 |
| S18 8 | 0 | Inspice.as. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 12:47 |
| S18 9 | 0 | Inspice | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 12:49 |
| S19 0 | 0 | technical adj document adj author\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 13:50 |
| S19 1 | 3 | technical adj document adj translat\$3 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 13:55 |
| S19 2 | 231 | 704/4-5.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 13:55 |
| S19 3 | 172 | 704/4.ccls. and (@rlad<="20000106" or ad<-20000106) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 13:56 |
| S19 4 | 231 | 704/4-5.ccls. and (@rlad<="20000106" or ad<-20000106) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 13:56 |
| S19 5 | 42 | 704/4-5.ccls. and (@rlad<="20000106" or @ad<-20000106) | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/12 13:57 |

| S19 | 1 | "20020161748" | US-PGPUB; | OR | ON | 2003/12/17 14:23 |
|----------|------|---|---|----|----|-------------------------|
| 6 | _ | | USPAT; EPO; JPO; IBM_TDB | | | 233, 23, 27, 27, 28, 28 |
| S19 7 | 555 | partial adj word | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/17 14:24 |
| S19 8 | 13 | (partial adj word) and verb and sentence | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/17 14:24 |
| S19 9 | 9 | "6163785" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/23 14:11 |
| S20 0 | 1 | "5930460".pn. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2003/12/23 14:12 |
| S20 1 | 13 | verb with object with auxiliary | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:34 |
| S20 2 | 27 | "4654798".URPN. | USPAT | OR | ON | 2004/05/26 10:17 |
| S20 3 | 15 | 345/816.ccls. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 11:20 |
| S20 4 | 30 | sentence adj assembl\$ | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 11:29 |
| S20 5 | 233 | sentence near forming | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:34 |
| S20 6 | 200 | (sentence near forming) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 13:33 |
| S20 7 | 4 | (verb adj database) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 12:32 |
| S20 8 | 1628 | handwrit\$ adj input | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 12:50 |

| S20 9 | 3 | (handwrit\$ adj input) and verb and object and auxiliary | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 12:57 |
|----------|-----|--|---|----|----|------------------|
| S21 0 | 11 | (handwrit\$ adj input) and verb and sentence | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 13:14 |
| S21 1 | 1 | "20020019679" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 13:30 |
| S21 2 | 6 | suggested adj phrase | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 13:32 |
| S21 3 | 53 | suggested adj word | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/26 13:32 |
| S21 4 | 38 | (suggested adj word) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 09:40 |
| S21 5 | 112 | graphical adj query | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 08:55 |
| S21 6 | 0 | 2002/0112028 | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 08:55 |
| S21 7 | 1 | "20020112028" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 09:39 |
| S21 8 | 131 | sentence adj forming | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:34 |
| S21 9 | 113 | (sentence adj forming) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 10:13 |
| S22 0 | 43 | (sentence adj formation) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 10:23 |

| | | T | | 1 | T | |
|----------|------|--|---|------|----|------------------|
| S22 1 | 14 | 345/731.ccls. and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 10:27 |
| S22 2 | 6 | (suggested adj phrase) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 10:27 |
| S22 3 | 10 | autocompletion and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 10:31 |
| S22 4 | 19 | autocomplet\$ and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 10:47 |
| S22 5 | 8 | ("5544285" "5600778" "5603034" "5666502" "5673401" "5682538" "5950201" "5956031").PN. | USPAT | OR | ON | 2004/05/27 10:37 |
| S22 6 | 20 | "5666502".URPN. | USPAT | OR | ON | 2004/05/27 10:41 |
| S22 7 | 74 | 715/508.ccls. and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 10:57 |
| S22 8 | 403 | (generat\$ adj sentence) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 10:57 |
| S22 9 | 1029 | (generat\$ near sentence) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR · | ON | 2004/05/27 10:59 |
| S23 0 | 217 | ((generat\$ near sentence) and (@ad<="20010103" @rlad<="20010103")) and verb | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 14:31 |
| S23 1 | 11 | ("5774628" "5812977" "5890122" "5937385" "5983190" "6064961" "6094635" "6178404" "6188985" "6208971" "6208972").PN. | USPAT | OR | ON | 2004/05/27 12:33 |
| S23 2 | 0 | "6456972".URPN. | USPAT | OR | ON | 2004/05/27 12:37 |
| S23 3 | 4 | ((database adj segment\$) and (@ad<="20010103" @rlad<="20010103")) and verb | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 14:32 |

| S23 4 | 216 | (database adj segment\$) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 14:36 |
|----------|-----|--|---|----|-----|------------------|
| S23 5 | 2 | (different adj database adj segment\$) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 14:37 |
| S23 6 | 189 | (auxiliary adj word) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 14:45 |
| S23 7 | 4 | ((auxiliary adj word) and (@ad<="20010103" @rlad<="20010103")) and verb and database | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 14:39 |
| S23 8 | 19 | ((auxiliary adj word) and (@ad<="20010103" @rlad<="20010103")) and verb | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 14:45 |
| S23 9 | 4 | verb adj database | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 14:45 |
| S24 0 | 443 | (word adj database) and (@ad<="20010103" @rlad<="20010103") | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:35 |
| S24 1 | 62 | ((word adj database) and (@ad<="20010103" @rlad<="20010103")) and verb | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/05/27 14:46 |
| S24 2 | 2 | (("5893095") or ("5930783")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2004/05/28 15:29 |
| S26 5 | 16 | (input adj area) and (@ad<="20010103" @rlad<="20010103") and verb | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/10 13:01 |
| S26 6 | 5 | "S+v+o" | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/10 13:22 |
| S26 7 | 11 | separate adj input adj area | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2004/11/19 14:34 |

| S26 8 | 12 | separate adj input adj area | US-PGPUB; USPAT; | OR | ON | 2004/11/10 13:29 |
|----------|-----|---------------------------------|---|----|----|------------------|
| | | | USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| S26 9 | 0 | auxiliary adj word adj area | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:30 |
| S27 0 | 0 | auxiliary adj word adj database | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/19 14:34 |
| S27 1 | 4 | verb adj database | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:33 |
| S27 2 | 878 | work adj standard | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:33 |
| S27 3 | 7 | S272 and verb | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:36 |
| S27 4 | 5 | sentence adj input adj form | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:38 |
| S27 5 | 50 | sentence same (input adj form) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 13:45 |

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| S28 3 | 22 | 345/703.icls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 14:41 |
| S28 4 | 18 | (input adj character) same verb | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 14:48 |
| S28 6 | 2 | "6772418" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/10 14:49 |

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1 The dynamics of the human resource

Bruce H. Wrigley

June 1970 Proceedings of the eighth annual SIGCPR conference

window

Full text available: pdf(1.08 MB)

Additional Information: full citation, abstract, references, index terms

In today's business environment the manager in the data processing industry is faced with three major personnel problems: failure to acquire, failure to utilize, and failure to retain. Employee potential remains untapped due to our inability to utilize resources; we find it increasingly difficult to attract quality employees, and the technical personnel in whom we have accumulated sizable investment through long training periods at high salaries, continue to turn over at a high rate. ...

² Are programmers paranoid?

Theodore C. Willoughby

June 1972 Proceedings of the tenth annual SIGCPR conference

Full text available: pdf(393.80 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

"The average programmer is excessively independent—sometimes to the point of mild paranoia. He is often egocentric, slightly neurotic, and he borders upon a limited schizophrenia." This was how one authority(1) described the programmer. But is this a correct and fair description? If it is, then the empirical research using psychological tests should provide the evidence. The data processors in my study were in the middle third on ...

The role of the government in standardization: improved service to the citizenry Jerry L. Johnson, Jim Culp, Clyde T. Poole, Margaret Theibert, Ronald E. Vidmar December 1993 StandardView, Volume 1 Issue 2

Full text available: pdf(940.99 KB) Additional Information: full citation, references, citings, index terms, review

Offline handwritten Chinese character recognition by radical decomposition Daming Shi, Robert I. Damper, Steve R. Gunn

March 2003 ACM Transactions on Asian Language Information Processing (TALIP),

Volume 2 Issue 1

Full text available: pdf(176.69 KB) Additional Information: full citation, abstract, references, index terms

Offline handwritten Chinese character recognition is a very hard pattern-recognition problem of considerable practical importance. Two popular approaches are to extract features holistically from the character image or to decompose characters structurally into component parts---usually strokes. Here we take a novel approach, that of decomposing into radicals on the basis of image information (i.e., without first decomposing into strokes).

| • | During training, 60 examples of each radical were represe |
|---|--|
| • | Keywords : Chinese computing, Viterbi decoding, active shape modeling, offline character recognition |
| 5 | Middleware for context sensitive mobile applications K. A. Hawick, H. A. James January 2003 Proceedings of the Australasian information security workshop conference on ACSW frontiers 2003 - Volume 21 Full text available: pdf(916.67 KB) Additional Information: full citation, abstract, references, index terms |
| | Contextual information such as spatial location can significantly enhance the utility of mobile applications. We introduce the concept of active preferences that represent a combination of user preference information and choices combined with spatial or temporal information. Active preferences set the policy on how a mobile application should customise its behaviour not just for a particular user but as that user moves to different locations and interacts with other mobile users or with fixed lo |
| | Keywords: location context, middleware, mobile devices, personal context |
| 6 | A look at state and local information system efforts Kenneth J. Dueker January 1968 Proceedings of the 1968 23rd ACM national conference |
| | Full text available: pdf(948.76 KB) Additional Information: full citation, abstract, references, index terms |
| | The need for State and Local Information Systems stems from intuitive feelings that decision-makers, researchers, and planners require more accessible and timely information. Yet, there is little general agreement as to the general nature of information systems. There exist many areas of emphasis—document retrieval systems, financial reporting systems, land use data systems, data relating to economic or social areas, and many others. State and Local Information Systems effo |
| 7 | Structured Programming: From theory to practice |
| | John C. Carrow October 1976 Proceedings of the 2nd international conference on Software engineering |
| | Full text available: pdf(365.51 KB) Additional Information: full citation, abstract, references, index terms |
| | One of the more controversial topics to appear within the field of Computer Science has been the theory of Structured Programming and the specific tools and techniques associated with this generic title. With respect to this topic, it is the intent of this paper to provide a documented history of the research, prototyping and deliberate implementation of the Structured Programming Technology within the United States Army Computer Systems Command. Structured Programming as used within the co |
| | Keywords : Functional decomposition, Proponent-developer teaming, Structured programming |
| 3 | An application of simulation to compare production line configurations with failures and repairs F. Paul Wyman, Lawrence E. Moberly January 1971 Proceedings of the 5th conference on Winter simulation |
| | Additional Information: full citation, abstract, references, index terms |
| | Three parallel production line configurations are compared by simulation: parallel but independent, dual line without expediting, and a dual line with expediting possible around a failure station. Each facility within a stage draws parts from a common queue in a dual line. Relative performance is studied while varying queue capacity, failure rate, repair rate, and number of stages. The preferability of a dual over independent lines is found to depend upon |

| • | the degree of expediting possible | |
|----|---|--|
| 9 | Current perspectives on selection testing (Panel) Theodore C. Willoughby, William H. Enneis, Jean M. Palormo, Wayne W. Sorenson June 1971 Proceedings of the ninth annual SIGCPR conference | |
| | Full text available: pdf(1.05 MB) Additional Information: full citation, abstract, index terms | |
| | Today certain types of discrimination are illegal—age, sex, race and national origin. Now only valid selection devices can be used. We have assembled a knowledgeable panel to discuss the implications of this situation for managers, selection personnel and researchers. Dr. Enneis will present the government point of view. Miss Palormo will discuss the reaction of test publishers and researchers, while Mr. Sorenson will bring in the viewpoints of the personnel man who is out on the firi | |
| 10 | Programming performance: Monitoring, maximization, and prediction Rudolph E. Hirsch June 1972 Proceedings of the tenth annual SIGCPR conference | |
| | Full text available: pdf(677.78 KB) Additional Information: full citation, abstract, references, index terms | |
| | Non-technical management persists in its 1950's attitude toward data processing. The unfamiliar is often held in awe, and management frequently considers all of its programmers to be highly gifted and thus not manageable by conventional management tools. This attitude is flattering to us but not justified. There are indeed many highly gifted programmers (and for that matter highly gifted engineers, accountants, etc.), but most programmers are people of average ability who turn out average-q | |
| 11 | TORNET: A local area network | |
| | Z. G. Vranesic, V. C. Hamacher, W. M. Loucks, S. G. Zaky October 1981 Proceedings of the seventh symposium on Data communications | |
| | Full text available: pdf(535.50 KB) Additional Information: full citation, abstract, references, index terms | |
| | TORNET is an experimental local area computer network presently being designed and built in the Computer Group Laboratory of the Department of Electrical Engineering at the University of Toronto. The network consists of a number of local rings, each attached to a central ring. The local rings employ a variation on the slotted-ring format that uses a limited insertion technique to achieve reasonable response times for character traffic among many devices and small computers. Two fixed-length | |
| 12 | Commentaries: The metaphysics of information quality: comments on producing quality technical information Edmond H. Weiss | |
| | August 2002 ACM Journal of Computer Documentation (JCD) , Volume 26 Issue 3 Full text available: pdf(166.30 KB) Additional Information: full citation, abstract, references, index terms | |
| | The expressed promise in the title of Producing Quality Technical Information is that following its prescriptions will yield "quality" technical information. This commentary asks what the term quality means here and whether the manual delivers on its promise. In other words, which of the several senses of quality is intended in the title, and the does the publication deliver as promised? That is, which of the major quality schemes corresponds to the rationale of the text: legalistic quality, in | |
| | Keywords: ISO 9000, TQM, documentation, quality, standard, style | |
| 13 | Session 6: networks (WAN/LAN): Distributed network computing over local ATM networks Mengjou Lin, Jenwei Hsieh, David H. C. Du, Joseph P. Thomas, James A. MacDonald November 1994 Proceedings of the 1994 ACM/IEEE conference on Supercomputing | |
| | Full text available: pdf(936.95 KB) Additional Information: full citation, abstract, references | |

Communication between processors has long been the bottleneck of distributed network computing. However, recent progress in switch-based high-speed Local Area Networks (LANs) may be changing this situation. Asynchronous Transfer Mode (ATM) is one of the most widely-accepted and emerging high-speed network standards which can potentially satisfy the communication needs of distributed network computing. In this paper, we investigate distributed network computing over local ATM networks. We first s ...

Keywords: application programming interface, asynchronous transfer mode (ATM), distributed network computing, performance measurement

| 14 CEPE 2000: Workplace surveillance, privacy and distributive justice | _ |
|--|---|
| Lucas D. Introna December 2000 ACM SIGCAS Computers and Society, Volume 30 Issue 4 | |
| Full text available: Top pdf(725.49 KB) Additional Information: full citation, abstract, references | |
| Modern technologies are providing unprecedented opportunities for surveillance. In the workplace surveillance technology is being built into the very infrastructure of work. Can the employee legitimately resist this increasingly pervasive net of surveillance? The employers argue that workplace surveillance is essential for security, safety, and productivity in increasingly competitive markets. They argue that they have a right to ensure that they 'get what they pay for', furthermore, that the wo | |
| 15 Tools and techniques for interaction: EMBASSI: multimodal assistance for universal | _ |
| access to infotainment and service infrastructures | |
| Thomas Kirste, Thorsten Herfet, Michael Schnaider May 2001 Proceedings of the 2001 EC/NSF workshop on Universal accessibility of ubiquitous computing: providing for the elderly | |
| Full text available: pdf(1.82 MB) Additional Information: full citation, abstract, references, citings, index terms | |
| EMBASSI is a joint research project with 19 partners from industry and academia. Its focus is the development new paradigms and architectures for the intuitive interaction with technical infrastructures of the everyday life, such as home entertainment and control, public terminals, and car infotainment systems. As a so-called focus project, EMBASSI is funded by the German Ministry of Education and Research (BMBF) and addresses innovative methods of man-machine interaction, where "machine" explic | |
| Keywords : assistance, man-machine interaction, multi (poly-)modal interaction, multi-media, semantic protocol | |
| 16 Electronic work monitoring: an ethical model Bob Godfrey | _ |
| November 2000 Selected papers from the second Australian Institute conference on Computer ethics - Volume 1 | |
| Full text available: pdf(357.56 KB) Additional Information: full citation, abstract, references | |
| This paper describes the activity of electronic work-monitoring, the use of information technology to record the activities of workers as a background task to normal activities. The viewpoint of the activity from the employer side, as a productivity tool, and the view from the employee perspective, as a possible invasion of privacy, are compared. A quadrant model is described which combines these two conflicting viewpoints, and details how the model may be used to describe and if possible resolv | |
| 17 Short Talks: Automatic text reduction for changing size constraints | _ |
| Lance Good, Mark Stefik, Patrick Baudisch, Benjamin B. Bederson | |

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April 2002 CHI '02 extended abstracts on Human factors in computing systems

This paper introduces a technique for viewing text objects under changing size constraints in 2D environments. Our approach automatically combines font size reduction and content

Full text available: pdf(118.34 KB) Additional Information: full citation, abstract, references

approach creates intermediate representations and transitions automatically. The main benefit is that it provides more meaningful views for different object sizes without additional authoring effort. Keywords: semantic zooming, spatial hypertext, text reduction 18 Burst tries: a fast, efficient data structure for string keys April 2002 ACM Transactions on Information Systems (TOIS), Volume 20 Issue 2 Additional Information: full citation, abstract, references, citings, index Full text available: pdf(324.84 KB) terms, review Many applications depend on efficient management of large sets of distinct strings in memory. For example, during index construction for text databases a record is held for each distinct word in the text, containing the word itself and information such as counters. We propose a new data structure, the burst trie, that has significant advantages over existing options for such applications: it uses about the same memory as a binary search tree; it is as fast as a trie; and, while not as fast as a ... **Keywords**: Binary trees, splay trees, string data structures, text databases, tries, vocabulary accumulation 19 Workshop and conference summaries: Practitioners do good work L. B. S. Raccoon March 2002 ACM SIGSOFT Software Engineering Notes, Volume 27 Issue 2 Full text available: pdf(808.46 KB) Additional Information: full citation, abstract, references, citings I believe that software engineers have done, are doing, and will continue to do good work. Practitioners contribute to the well-being of society and add value to the economy. Working applications enable hundreds of millions of users around the world to productively do things that would otherwise be impossible. I do not claim that software engineers are perfect, Bugs seem to lurk in almost all programs. Reliable schedules and budgets remain elusive. And, software has created whole new slates of pr ... 20 Focus issue on legacy information systems and busines process engineering: a business perspective of legacy information systems Sue Kelly, Nicola Gibson, Christopher P. Holland, Ben Light July 1999 Communications of the AIS Full text available: pdf(156.75 KB) Additional Information: full citation, references, citings Results 1 - 20 of 46 Result page: 1 2 3 next

reduction to preserve legibility of key words. Unlike traditional semantic zooming, our

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1 Problems and some solutions in customization of natural language database front ends Fred J. Damerau

April 1985 ACM Transactions on Information Systems (TOIS), Volume 3 Issue 2

Full text available: pdf(1.18 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>

This paper is concerned with some of the issues arising in the development of a domain-independent English interface to IBM SQL-based program products. The TQA system falls into the class of multilayered natural language processing systems. As a result, there is a large number of potential points at which customization to a particular database can be done. Of these, we discuss procedures that affect the reader, the lexicon, the lowest level of grammar rules, the semantic interpreter, and th ...

2 New article: Egoless writing: improving quality by replacing artistic impulse with engineering discipline

Edmond H. Weiss

February 2002 ACM Journal of Computer Documentation (JCD), Volume 26 Issue 1

Full text available: pdf(65.94 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

When technical communicators have a strong personal attachment to the publication they are preparing, this attachment may interfere with the design and testing of the publication itself. Documents developed by solo authors tend to be late, buggy, and exceedingly difficult for others to maintain. "Ego-less" methods---collaborative and structured---break the proprietary connection between the writer and the book; in so doing they permit the most powerful tools of engineering and testing to be used ...

Keywords: collaboration, documentation development, project management, teamwork

Natural language processing (NLP) & hypermedia: Multimodal database query Nicholas J. Haddock



August 1992 Proceedings of the 14th conference on Computational linguistics - Volume
4

Full text available: pdf(388.57 KB) Additional Information: full citation, abstract, references

The paper proposes a multimodal interface for a real sales database application. We show how natural language processing may be integrated with a visual, direct manipulation method of database query, to produce a user interface which supports a flexible form of query specification, provides implicit guidance about the coverage of the linguistic component, and allows more focused discourse reference.

Query languages with arithmetic and constraint databases

| | Leonid Libkin December 1999 ACM SIGACT News, Volume 30 Issue 4 |
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| | Full text available: pdf(663.43 KB) Additional Information: full citation, index terms |
| | |
| 5 | Papers: Translating into free word order languages |
| | Beryl Hoffman August 1996 Proceedings of the 16th conference on Computational linguistics - Volume 1 |
| | Full text available: pdf(542.24 KB) Additional Information: full citation, abstract, references |
| | In this paper, I discuss machine translation of English text into a relatively "free" word order language, specifically Turkish. I present algorithms that use contextual information to determine what the topic and the focus of each sentence should be, in order to generate the contextually appropriate word orders in the target language. |
| 6 | Book reviews: Review of "The from of information in science: analysis of an immunology sublanguage" by Zellig Harris, Michael Gottfried, Thomas Ryckman, Paul Mattick, Anne Daladier, T. N. Harris, and S. Harris. Kluwer Academic Publishers 1989. Stephen B. Johnson September 1989 Computational Linguistics, Volume 15 Issue 3 |
| | Full text available: pdf(380.63 KB) Additional Information: full citation, references |
| 7 | Natural language querying of historical databases James Clifford December 1988 Computational Linguistics, Volume 14 Issue 4 |
| | Full text available: pdf(2.82 MB) Additional Information: full citation, abstract, references, citings Publisher Site Publisher Site |
| | In this paper we examine the connection between two areas of semantics, namely the semantics of historical databases and the semantics of natural language querying, and link them together via a common view of the semantics of time. Since the target application domain is an historical database, we present the essential features of the Historical Relational Database Model (HRDM), an extension to the relational model motivated by the desire to incorporate more "real world" semantics into a database |
| В | Book reviews: Review of "Language and spatial cognition" by Annette Herskovits. Cambridge University Press 1987. James Pustejovsky September 1989 Computational Linguistics, Volume 15 Issue 3 |
| | Full text available: pdf(476.26 KB) Publisher Site Additional Information: full citation, references |
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9 Handling ill-formed input: Utilizing domain-specific information for processing compact text Elaine Marsh

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February 1983 Proceedings of the first conference on Applied natural language processing

Full text available: pdf(335.57 KB) Publisher Site

Additional Information: full citation, abstract, references, citings

This paper identifies the types of sentence fragments found in the text of two domains: medical records and Navy equipment status messages. The fragment types are related to

to reconstructing the semantic class of deleted elements in the medical records is proposed which is based on the semantic patterns recognized i ... 10 The FINITE STRING newsletter: Abstracts of current literature American Journal of Computational Linguistics Staff April 1983 Computational Linguistics, Volume 9 Issue 2 Full text available: pdf(2.03 MB) Additional Information: full citation Publisher Site 11 Book Reviews: Review of "The humanities computing yearbook 1989-90" by lan Lancashire. Clarendon Press 1991. Rosanne G. Potter December 1992 Computational Linguistics, Volume 18 Issue 4 Full text available: pdf(293.73 KB) Additional Information: full citation Publisher Site 12 Book reviews: Review of "Medical language processing: computer management of narrative data" by Naomi Sager, Carol Friedman, and Margaret S. Lyman. Addison-Wesley 1987. Nicoletta Calzolari September 1989 Computational Linguistics, Volume 15 Issue 3 Full text available: pdf(510.11 KB) Additional Information: full citation, references Publisher Site 13 LDC-1: a transportable, knowledge-based natural language processor for office environments Bruce W. Ballard, John C. Lusth, Nancy L. Tinkham January 1984 ACM Transactions on Information Systems (TOIS), Volume 2 Issue 1 Full text available: pdf(1.63 MB) Additional Information: full citation, references, citings, index terms 14 The FINITE STRING Newsletter: Abstracts of current literature Computational Linguistics Staff January 1987 Computational Linguistics, Volume 13 Issue 1-2 Full text available: pdf(6.15 MB) Additional Information: full citation Publisher Site 15 Relational queries over interpreted structures Michael Benedikt, Leonid Libkin July 2000 Journal of the ACM (JACM), Volume 47 Issue 4 Additional Information: full citation, abstract, references, citings, index Full text available: pdf(455.92 KB) terms We rework parts of the classical relational theory when the underlying domain is a structure

full sentence forms on the basis of the elements which were regularly deleted. A breakdown of the fragment types and their distributions in the two domains is presented. An approach

with some interpreted operations that can be used in queries. We identify parts of the classical theory that go through 'as before' when interpreted structure is present, parts that go through only for classes of nicely behaved structures, and parts that only arise in the

Keywords: 0-minimality, collapse results, constraints, quantifier elimination, relational calculus 16 Sublanguages Richard Kittredge April 1982 Computational Linguistics, Volume 8 Issue 2 Full text available: pdf(626.66 KB) Additional Information: full citation, references, citings Publisher Site 17 Session IV: An improved heuristic for ellipsis processing Ralph M. Weischedel, Norman K. Sondheimer June 1982 Proceedings of the 20th conference on Association for Computational Linguistics Full text available: pdf(348.26 KB) Additional Information: full citation, references, citings **Publisher Site** 18 Conceptual representation for knowledge bases and << intelligent >> information retrieval systems G. P. Zarri May 1988 Proceedings of the 11th annual international ACM SIGIR conference on Research and development in information retrieval Full text available: pdf(1.38 MB) Additional Information: full citation, abstract, references, index terms This paper describes the "conceptual" Knowledge Representation Language (KRL) proper to an environment for the construction and use of large Knowledge Bases and/or "Intelligent" Information Retrieval Systems. In the KRL, we separate the treatment of the episodic memory (extensional, assertional data = "Snoopy is Charlie Brown's beagle") from the treatment of the semantic memory (intensional, terminological data = A beagle is a sort of hound / a hound is a ... 19 The Hearsay-II Speech-Understanding System: Integrating Knowledge to Resolve Uncertainty Lee D. Erman, Frederick Hayes-Roth, Victor R. Lesser, D. Raj Reddy June 1980 ACM Computing Surveys (CSUR), Volume 12 Issue 2 Additional Information: full citation, references, citings, index terms Full text available: pdf(3.83 MB) 20 Large scale experiments on correction of confused words Jin Hu Huang, David Powers January 2001 Australian Computer Science Communications, Proceedings of the 24th Australasian conference on Computer science, Volume 23 Issue 1 Full text available: pdf(587.89 KB) Additional Information: full citation, abstract, references Publisher Site This paper describes a new approach to automatically learn contextual knowledge for spelling and grammar correction --- we aim particularly to deal with cases where the words are all in the dictionary and so it is not obvious that there is an error. Traditional approaches are dictionary based, or use elementary tagging or partial parsing of the sentence to obtain context knowledge. Our approach uses affix information and only the most frequent words to reduce the complexity in terms of training ...

interpreted case. The first category include a number of results on language equivalence and

expressive power characterizations ...

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Solving Domain Equations in a Category of Compact Metric.. - van Breugel, Warmerdam (1994) (Correct) (1 citation)

paper along the lines of Smyth and Plotkin's **standard work** on solving domain equations over complete www.cwi.nl/ftp/CWlreports/AP/CS-R9424.ps.Z

Answer Synthesis for CLP Programs with Negation - Richard, Saubion (1997) (Correct) (1 citation) :even(x)As far as we know, none of the **standard work** in CLP can provide a finite computation for www.univ-orleans.fr/SCIENCES/LIFO/Membres/richard/PAPERS/igpl97.ps

Parallel Number Theoretical Numerics for Solving s-dimensional.. - Salchegger (1994) (Correct) (1 citation) of Fenyo and Stoll [2] certainly represent a **standard work** for processing linear integral equations, but www.coma.sbg.ac.at/~salchegg/Papers/parnum94.ps

<u>Totality in Applicative Theories - Jäger, Strahm (1995) (Correct) (1 citation)</u>
It is an immediate consequence of the **standard work** in combinatory logic (cf. e.g. Barendregt iamftp.unibe.ch/pub/TechReports/1994/iam-94-015.ps.gz

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Dependency Parsing for Medical Language and Concept Representation - Steimann (1998) (Correct)

adj, prep word. participle adj. be verb. area, uptake, junction noun. right, lumbosacral

www.kbs.uni-hannover.de/paper/98/AIM-XX-X.ps

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